

**EXHIBIT A - Brian N. Schwartz, M.D.**

Baker, Dawn	2:12-cv-02476
Matthews, Donna	2:12-cv-02478
Milan, Terri	2:12-cv-02479
Sweeney, Sandra	2:12-cv-02880
Noffsinger, Carol	2:12-cv-03118
Webb-Henson, Tammy	2:12-cv-03123
Thomas, Shari	2:12-cv-03130

EXHIBIT B

IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF WEST VIRGINIA

CHARLESTON DIVISION

IN RE:      ETHICON, INC.  
                  PELVIC REPAIR SYSTEMS  
                  PRODUCT LIABILITY LITIGATION

MDL No. 2327

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THIS DOCUMENT RELATES TO:

Cases Identified in the Exhibit  
Attached Hereto

MEMORANDUM OPINION AND ORDER  
(*Daubert* Motion re: Brian N. Schwartz, M.D.)

Pending before the court is the Motion to Exclude Certain Opinions and Testimony of Brian N. Schwartz, M.D. [ECF No. 2089] filed by the plaintiffs. The Motion is now ripe for consideration because briefing is complete.

**I.      Background**

This case resides in one of seven MDLs assigned to me by the Judicial Panel on Multidistrict Litigation concerning the use of transvaginal surgical mesh to treat pelvic organ prolapse (“POP”) and stress urinary incontinence (“SUI”). In the seven MDLs, there are more than 75,000 cases currently pending, approximately 30,000 of which are in this MDL, which involves defendants Johnson & Johnson and Ethicon, Inc. (collectively “Ethicon”), among others.

In this MDL, the court’s tasks include “resolv[ing] pretrial issues in a timely and expeditious manner” and “resolv[ing] important evidentiary disputes.” Barbara

J. Rothstein & Catherine R. Borden, Fed. Judicial Ctr., *Managing Multidistrict Litigation in Products Liability Cases* 3 (2011). To handle motions to exclude or to limit expert testimony pursuant to *Daubert v. Merrell Dow Pharmaceuticals, Inc.*, 509 U.S. 579 (1993), the court developed a specific procedure. In Pretrial Order (“PTO”) No. 217, the court instructed the parties to file only one *Daubert* motion per challenged expert, to file each motion in the main MDL—as opposed to the individual member cases—and to identify which cases would be affected by the motion. PTO No. 217, at 4.<sup>1</sup>

## II. Preliminary Matters

Before plunging into the heart of the Motion, a few preliminary matters need to be addressed.

I am compelled to comment on the parties’ misuse of my previous *Daubert* rulings on several of the experts offered in this case. *See generally Sanchez v. Bos. Sci. Corp.*, No. 2:12-cv-05762, 2014 WL 4851989 (S.D. W. Va. Sept. 29, 2014); *Tyree v. Bos. Sci. Corp.*, 54 F. Supp. 3d 501 (S.D. W. Va. 2014); *Eghnayem v. Bos. Sci. Corp.*, 57 F. Supp. 3d 658 (S.D. W. Va. 2014). The parties have, for the most part, structured their *Daubert* arguments as a response to these prior rulings, rather than an autonomous challenge to or defense of expert testimony based on its reliability and relevance. In other words, the parties have comparatively examined expert testimony

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<sup>1</sup> The plaintiffs identified the Wave 1 cases affected by this Motion in their attached Exhibit A [ECF No. 2089-1], which the court has attached to this Memorandum Opinion and Order. At the time of transfer or remand, the parties will be required to designate relevant pleadings from MDL 2327, including the motion, supporting memorandum, response, reply, and exhibits referenced herein.

and have largely overlooked *Daubert's* core considerations for assessing expert testimony. Although I recognize the tendency of my prior evidentiary determinations to influence subsequent motions practice, counsels' expectations that I align with these previous rulings when faced with a different record are misplaced, especially when an expert has issued new reports and given additional deposition testimony.

Mindful of my role as gatekeeper for the admission of expert testimony, as well as my duty to “respect[ ] the individuality” of each MDL case, *see In re Phenylpropanolamine Prods. Liab. Litig.*, 460 F.3d 1217, 1231 (9th Cir. 2006), I refuse to credit *Daubert* arguments that simply react to the court’s rulings in *Sanchez* and its progeny. Indeed, I feel bound by these earlier cases only to the extent that the expert testimony and *Daubert* objections presented to the court then are identical to those presented now. Otherwise, I assess the parties’ *Daubert* arguments anew. That is, in light of the particular expert testimony and objections currently before me, I assess “whether the reasoning or methodology underlying the testimony is scientifically valid” and “whether that reasoning or methodology properly can be applied to the facts in issue.” *Daubert*, 509 U.S. at 592–93. Any departure from *Sanchez*, *Eghnayem*, or *Tyree* does not constitute a “reversal” of these decisions and is instead the expected result of the parties’ submission of updated expert reports and new objections to the expert testimony contained therein.

Finally, I have attempted to resolve all possible disputes before transfer or remand, including those related to the admissibility of expert testimony pursuant to

*Daubert*. Nevertheless, in some instances I face *Daubert* challenges where my interest in accuracy counsels reserving ruling until the reliability of the expert testimony may be evaluated at trial. At trial, the expert testimony will be tested by precise questions asked and answered. The alternative of live *Daubert* hearings is impossible before transfer or remand because of the numerosity of such motions in these seven related MDLs. As these MDLs have grown and the expert testimony has multiplied, I have become convinced that the critical gatekeeping function permitting or denying expert testimony on decisive issues in these cases is best made with a live expert on the witness stand subject to vigorous examination.

In the course of examining a multitude of these very similar cases involving the same fields of expertise, I have faced irreconcilably divergent expert testimony offered by witnesses with impeccable credentials, suggesting, to me, an unreasonable risk of unreliability. The danger—and to my jaded eye, the near certainty—of the admission of “junk science” looms large in this mass litigation.

The parties regularly present out-of-context statements, after-the-fact rationalizations of expert testimony, and incomplete deposition transcripts. This, combined with the above-described practice of recycling expert testimony, objections, and the court’s prior rulings, creates the perfect storm of obfuscation. Where further clarity is necessary, I believe it can only be achieved through live witness testimony—not briefing—I will therefore reserve ruling until expert testimony can be evaluated firsthand.

### III. Legal Standard

By now, the parties should be intimately familiar with Rule 702 of the Federal Rules of Evidence and *Daubert*, so the court will not linger for long on these standards.

Expert testimony is admissible if the expert is qualified and if his or her expert testimony is reliable and relevant. Fed. R. Evid. 702; *see also Daubert*, 509 U.S. at 597. An expert may be qualified to offer expert testimony based on his or her “knowledge, skill, experience, training, or education.” Fed. R. Evid. 702. Reliability may turn on the consideration of several factors:

- (1) whether a theory or technique can be or has been tested;
- (2) whether it has been subjected to peer review and publication;
- (3) whether a technique has a high known or potential rate of error and whether there are standards controlling its operation; and
- (4) whether the theory or technique enjoys general acceptance within a relevant scientific community.

*Cooper v. Smith & Nephew, Inc.*, 259 F.3d 194, 199 (4th Cir. 2001) (citing *Daubert*, 509 U.S. at 592–94). But these factors are neither necessary to nor determinative of reliability in all cases; the inquiry is flexible and puts “principles and methodology” above conclusions and outcomes. *Daubert*, 509 U.S. at 595; *see also Kumho Tire Co. v. Carmichael*, 525 U.S. 137, 141, 150 (1999). Finally, and simply, relevance turns on whether the expert testimony relates to any issues in the case. *See, e.g., Daubert*, 509 U.S. at 591–92 (discussing relevance and helpfulness).

At bottom, the court has broad discretion to determine whether expert testimony should be admitted or excluded. *Cooper*, 259 F.3d at 200.

#### **IV. Discussion**

Dr. Schwartz is a practicing, board-certified urologist in Lee County, Florida. He has performed over 600 surgical implantations of synthetic mesh slings.

##### **a. Safety and Efficacy**

The plaintiffs challenge the reliability of Dr. Schwartz's expert testimony about safety and efficacy by pointing out that Dr. Schwartz ignored various studies. An expert's failure to account for contrary scientific literature and choice to engage in a selective review of medical literature may render his or her opinion unreliable. *E.g.*, *In re Rezulin Prods. Liab. Litig.*, 369 F. Supp. 2d 398, 425 (S.D.N.Y. 2005). But this is not the case here. During his deposition or in his report, Dr. Schwartz explained why he did not rely on or discounted the studies the plaintiffs claim he should have reviewed or he actually cited the source. While the plaintiffs remain free to cross-examine Dr. Schwartz on this point, their Motion is **DENIED** on this point.

##### **b. Properties**

The plaintiffs seek exclusion of Dr. Schwartz's opinions about the material properties of mesh, including testimony related to the cut of mesh (i.e., mechanical or laser), fraying, curling, roping, pore size, density, degradation, shrinkage, and contracture. The arguments advanced in favor of exclusion are similar across these phenomena, so I treat them here together.

*First*, the plaintiffs argue that Dr. Schwartz is unqualified because he is not trained as a polymer scientist, is not trained as a medical device engineer, is not a pathologist, and has not analyzed explanted mesh under a microscope. I find this argument without merit. Dr. Schwartz is a board-certified urologist who has performed hundreds of procedures implanting synthetic midurethral slings in addition to thirty revisions or excisions of the same. This clinical experience, combined with a review of peer-reviewed scientific literature, qualifies Dr. Schwartz to opine on mesh's reaction to and effect on the human body. The plaintiffs' Motion is **DENIED** on this matter.

*Second*, the plaintiffs challenge the reliability of Dr. Schwartz's opinions because he has not employed an appropriate methodology. Dr. Schwartz's opinions on the physical properties of mesh are based on his personal experience, in which he did not observe clinically significant evidence of the particular mesh phenomena, and his review of the relevant literature. In the abstract, these are reasonable bases on which to form an expert opinion. *See Kumho*, 526 U.S. at 156 ("[N]o one denies that an expert might draw a conclusion from a set of observations based on extensive and specialized experience.").

However, the court does not have enough information to judge the reliability or helpfulness of these particular clinical observations. *See* Fed. R. Evid. 702 advisory committee's note to 2000 amendment ("If the witness is relying solely or primarily on experience, then the witness must explain how that experience leads to the conclusion

reached, why that experience is a sufficient basis for the opinion, and how that experience is reliably applied to the facts.”). Perhaps Dr. Schwarz did not observe evidence of degradation because he was not looking. Or perhaps his method of identifying and tracking mesh contraction is not scientifically sound. Additionally, although the expert report indicates Dr. Schwartz reviewed a list of literature in forming his opinions generally, the court is directed to minimal specific support for the statements at issue or detail about Dr. Schwartz’s methodology.

I am without sufficient information at this time to draw the fine line between reliable and unreliable expert testimony based primarily on a doctor’s clinical experiences *not* observing something. Accordingly, I **RESERVE** ruling until further testimony may be offered and evaluated firsthand at trial.

### **c. Design**

The plaintiffs claim Dr. Schwartz is not qualified to offer what they characterize as design opinions. But they do not explain or identify these opinions with sufficient specificity. This most recent wave of *Daubert* motions in this MDL is plagued with some confusion about what constitutes a design opinion. So some clarification is necessary before proceeding.

At first glance, it seems the plaintiffs want to prevent Dr. Schwartz from providing any opinions that even mention the word “design.” But the mere utterance of a single word is not an incantation that transforms an opinion about one thing into something else.

A close, contextual reading of the transvaginal mesh cases where this issue has been raised before reveals the heart of the plaintiffs' objections. In this motion—and several others—the plaintiffs argue that the expert at issue lacks the particularized skill, knowledge, experience, education, or training that is necessary to provide opinions about the process of designing a product. Opinions of this sort include, for example, opinions about pre-marketing product testing and product development. But upon review, I find Dr. Schwartz has not expressed any opinions about the process of designing a product. So the plaintiffs' Motion is **DENIED as moot** on this very limited issue.

**d. Warnings**

The plaintiffs claim Dr. Schwartz is not qualified to offer expert testimony about product warnings, which includes expert testimony about the adequacy of the relevant Instructions for Use (“IFU”). According to the plaintiffs, Dr. Schwartz is not an expert in the development of warnings labels and thus is not qualified to offer expert testimony about warnings. While an expert who is a urologist may testify about the specific risks of implanting mesh and whether those risks appeared on the relevant IFU, the same expert must possess additional expertise to offer expert testimony about what information should or should not be included in an IFU. *Wise v. C. R. Bard, Inc.*, No. 2:12-cv-1378, 2015 WL 521202, at \*14 (S.D. W. Va. Feb. 7, 2015). Dr. Schwartz does not possess the additional expertise to offer expert testimony about what an IFU should or should not include. Accordingly, Dr.

Schwartz's expert testimony about these matters is **EXCLUDED**.

**e. Professional Education Program**

The plaintiffs challenge Dr. Schwartz's deposition opinion that he had a "positive experience" with Ethicon's training program. Dr. Schwartz does not offer this opinion in his expert report, presumably because he does not intend to offer it at trial. Even so, such opinions are not the proper subject of a *Daubert* motion. Accordingly, the plaintiffs' Motion is **DENIED** on this point.

**V. Recurring Issues**

Many of the *Daubert* motions filed in this MDL raise the same or similar objections.

One particular issue has been a staple in this litigation, so I find it best to discuss it in connection with every expert. A number of the *Daubert* motions seek to exclude FDA testimony and other regulatory or industry standards testimony. To the extent this Motion raises these issues it is **GRANTED in part** and **RESERVED in part** as described below.

I have repeatedly excluded evidence regarding the FDA's section 510(k) clearance process in these MDLs, and will continue to do so in these cases, a position that has been affirmed by the Fourth Circuit. *In re C. R. Bard, Inc.*, 81 F.3d 913, 921–23 (4th Cir. 2016) (upholding the determination that the probative value of evidence related to section 510(k) was substantially outweighed by its possible prejudicial impact under Rule 403). Because the section 510(k) clearance process does

not speak directly to safety and efficacy, it is of negligible probative value. *See In re C. R. Bard*, 81 F.3d at 920 (“[T]he clear weight of persuasive and controlling authority favors a finding that the 510(k) procedure is of little or no evidentiary value.”). Delving into complex and lengthy testimony about regulatory compliance could inflate the perceived importance of compliance and lead jurors “to erroneously conclude that regulatory compliance proved safety.” *Id.* at 922. Accordingly, expert testimony related to the section 510(k) process, including subsequent enforcement actions and discussion of the information Ethicon did or did not submit in its section 510(k) application, is **EXCLUDED**. For the same reasons, opinions about Ethicon’s compliance with or violation of the FDA’s labeling and adverse event reporting regulations are **EXCLUDED**. In addition to representing inappropriate legal conclusions, such testimony is not helpful to the jury in determining the facts at issue in these cases and runs the risk of misleading the jury and confusing the issues. Insofar as this Motion challenges the FDA-related testimony discussed here, the Motion is **GRANTED**.

A number of experts also seek to opine on Ethicon’s compliance with design control and risk management standards. Some of this testimony involves the FDA’s quality systems regulations, and some—likely in an attempt to sidestep my anticipated prohibition on FDA testimony—involve foreign regulations and international standards. I find all of this proposed testimony of dubious relevance. Although these standards relate to how a manufacturer should structure and

document risk assessment, the standards do not appear to mandate any particular design feature or prescribe the actual balance that must be struck in weighing a product's risk and utility. Nor is it clear that the European and other international standards discussed had any bearing on the U.S. medical device industry when the device in question was being designed.

Nevertheless, because the nuances of products liability law vary by state, I will refrain from issuing a blanket exclusion on design process and control standards testimony, whether rooted in the FDA or otherwise. Each standard must be assessed for its applicability to the safety questions at issue in this litigation, consistent with state law. I am without sufficient information to make these findings at this time. Accordingly, I **RESERVE** ruling on such matters until a hearing, where the trial judge will have additional context to carefully evaluate the relevance and potential prejudicial impact of specific testimony.

Similarly, I doubt the relevance of testimony on the adequacy of Ethicon's clinical testing and research, physician outreach, or particular product development procedures and assessments otherwise not encompassed by the above discussion. Again, such matters seem to say very little about the state of the product itself (i.e., whether or not it was defective) when it went on the market. But because the scope of relevant testimony may vary according to differences in state products liability law, I **RESERVE** ruling on such matters until they may be evaluated in proper context at a hearing before the trial court before or at trial.

Additional—and more broad—matters also warrant mention. While some of these concerns may not apply to this particular expert, these concerns are raised so frequently that they are worth discussing here.

*First*, many of the motions seek to exclude state-of-mind and legal-conclusion expert testimony. Throughout these MDLs, the court has prohibited the parties from using experts to usurp the jury’s fact-finding function by allowing testimony of this type, and I do the same here. *E.g.*, *In re C. R. Bard, Inc.*, 948 F. Supp. 2d 589, 611 (S.D. W. Va. 2013); *see also, e.g.*, *United States v. McIver*, 470 F.3d 550, 562 (4th Cir. 2006) (“[O]pinion testimony that states a legal standard or draws a legal conclusion by applying law to the facts is generally inadmissible.”); *In re Rezulin Prods. Liab. Litig.*, 309 F. Supp. 2d 531, 546 (S.D.N.Y. 2004) (“Inferences about the intent and motive of parties or others lie outside the bounds of expert testimony.”). Additionally, an expert may not offer expert testimony using “legal terms of art,” such as “defective,” “unreasonably dangerous,” or “proximate cause.” *See Perez v. Townsend Eng’g Co.*, 562 F. Supp. 2d 647, 652 (M.D. Pa. 2008).

*Second*, and on a related note, many of the motions seek to prohibit an expert from parroting facts found in corporate documents and the like. I caution the parties against introducing corporate evidence through expert witnesses. Although an expert may testify about his review of internal corporate documents solely for the purpose of explaining the basis for his or her expert opinions—assuming the expert opinions are otherwise admissible—he or she may not offer testimony that is solely a conduit

for corporate information.

*Third*, many of the motions also ask the court to require an expert to offer testimony consistent with that expert's deposition or report or the like. The court will not force an expert to testify one way or another. To the extent an expert offers inconsistent testimony, the matter is more appropriately handled via cross-examination or impeachment as appropriate and as provided by the Federal Rules of Evidence.

*Fourth*, in these *Daubert* motions, the parties have addressed tertiary evidentiary matters like whether certain statements should be excluded as hearsay. The court will not exclude an expert simply because a statement he or she discussed may constitute hearsay. *Cf. Daubert*, 509 U.S. at 595. Hearsay objections are more appropriately raised at trial.

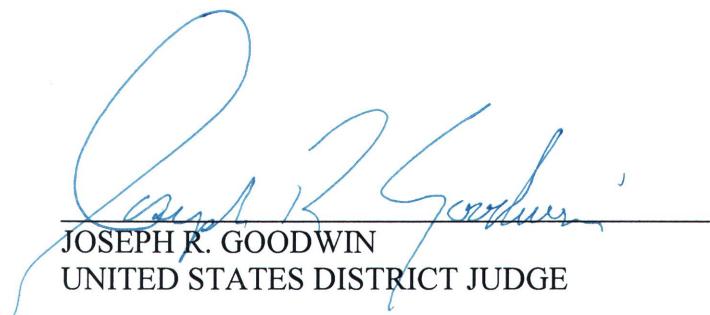
*Finally*, in some of the *Daubert* motions, without identifying the expert testimony to be excluded, the parties ask the court to prevent experts from offering other expert testimony that the moving party claims the expert is not qualified to offer. I will not make speculative or advisory rulings. I decline to exclude testimony where the party seeking exclusion does not provide specific content or context.

## VI. Conclusion

The court DENIES in part, GRANTS in part, and RESERVES in part the Motion to Exclude Certain Opinions and Testimony of Brian N. Schwartz, M.D. [ECF No. 2089].

The court **DIRECTS** the Clerk to file a copy of this Memorandum Opinion and Order in 2:12-md-2327 and in the Ethicon Wave 1 cases identified in the Exhibit attached hereto.

ENTER: August 30, 2016



JOSEPH R. GOODWIN  
UNITED STATES DISTRICT JUDGE

# Exhibit A

**EXHIBIT A - Schwartz**

**THIS DOCUMENT RELATES TO PLAINTIFFS:**

*Wendy Hagans v. Ethicon, Inc., et al.*, Civil Action No. 2:12-cv-00783

*Susan Thaman (Reeves) v. Ethicon, Inc., et al.*, Civil Action No. 2:12-cv-00279

## Exhibit C

### Index of Relevant Pleadings related to Brian Schwartz, M.D.

Judge Goodwin instituted a series of Waves in MDL 2327 wherein he identified hundreds of cases per Wave subject to discovery and motion practice deadlines. As part of the Wave process, Judge Goodwin required parties to file one general causation *Daubert* motion per expert per Wave in the main MDL, rather than in each individual Wave case. Parties were required to identify the cases in each Wave to which a particular *Daubert* motion applied. The court has identified below, the relevant *Daubert* pleadings filed in each Wave (and in many cases ultimately adopted in subsequent Waves) for the court receiving this case on remand or transfer.

Wave 1	Date	WVSD ECF No.
Motion	4/21/16	2089
Memorandum	4/21/16	2090
Response	5/9/16	2141
Reply	5/16/16	2233
Mem Op & Ord	8/30/16	2688

Wave 2	Date	WVSD ECF No.	Comment
Motion	7/21/16	2450	Adopts ECF No. 2089
Memorandum	7/21/16	2450	Adopts ECF No. 2090
Response	8/5/16	2498	Adopts ECF No. 2141
Reply	8/18/16	2611	Adopts ECF No. 2233
Mem Op & Ord	3/29/17	3533	Adopts ECF No. 2688

Wave 3	Date	WVSD ECF No.	Comment
Motion	9/16/16	2790	Adopts ECF No. 2089
Memorandum	9/16/16	2790	Adopts ECF No. 2090
Response	10/11/16	2922	Does not adopt
Reply	10/21/16	3042	Adopts ECF No. 2233